

## DECLARATION

As the below named inventor(s), I/we hereby declare that:

My/Our residence(s), post office address(es) and citizenship(s) are as stated below beneath my/our name(s).

I/We believe I/we am/are the original, first and sole/joint inventor(s) of the subject matter which is claimed and for which a patent is sought of the invention entitled:

ROUTING LOOKUP SCHEME AND SYSTEM FOR GIGABIT SWITCH ROUTERS

the specification of which

☒ is attached hereto.

\_\_\_\_\_ was filed on \_\_\_\_\_ as application serial No. \_\_\_\_\_

and was amended on \_\_\_\_\_.

I/We hereby state that I/we have reviewed and understood the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I/We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, 1.56 (a).

I/We hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent of inventor's certificate listed below and have also identified below any foreign application for patent or invention certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority claimed	
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_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I/We hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed by the first paragraph of Title 35, United States Code, 112. I acknowledge the duty to disclose material information as defined in Title 37, Code Federal Regulations, 1.56 (a) which occurred between the filing date of the prior application and

the national of PCT international filing date of this application:

Application Serial No. Filing Date Status:patented, pending, abandoned

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Application Serial No. Filing Date Status:patented, pending, abandoned

SEND CORRESPONDENCE TO: NO.10, ALLEY 3, LANE 6, FU CHUN ST.,  
HSINCHU, TAIWAN 300, R.O.C.

DIRECT TELEPHONE TO: 886-2-035-200403

I/We hereby declare that all statements made herein of my/our own knowledge are true and that all statements made of information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the application or any patent issued hereon.

Full name of sole or first inventor: Nen-Fu HUANG

Inventor's signature: Nen-Fu Huang Date: 12/2/98

Residence: 2F, NO.5, ALLEY 2, LANE 51, CHING TA WEST YARD, SHIH PIN RD.,  
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Post Office Address: NO.10, ALLEY 3, LANE 6, FU CHUNG ST., HSINCHU, TAIWAN, R.O.C.

Full name of second inventor: Shi-Ming ZHAO

Inventor's signature: Shi-Ming Zhao Date: 12/2/98

Residence: NO.32, FU JUNG ST., CHIU CHIA LI, SHIH LIN DIST., TAIPEI, TAIWAN, R.O.C.

Citizenship: TAIWAN, R.O.C.

Post Office Address: NO.10, ALLEY 3, LANE 6, FU CHUNG ST., HSINCHU, TAIWAN, R.O.C.

Applicant or Patentee: Nen-Fu HUANG Attorney's Docket No.: \_\_\_\_\_

Serial or Patent No.: \_\_\_\_\_

Filed or Issued: \_\_\_\_\_

For: IP ROUTING LOOKUP SCHEME AND SYSTEM FOR GIGABIT SWITCH ROUTERS

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS**

**(37 CFR 1.9(f) and 1.27(b)) - INDEPENDENT INVENTOR**

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled described in IP ROUTING LOOKUP SCHEME AND SYSTEM FOR GIGABIT SWITCH ROUTERS

☒ the specification filed herewith.  
☐ application serial no. \_\_\_\_\_ filed \_\_\_\_\_  
☐ patent no. \_\_\_\_\_ issued \_\_\_\_\_

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below

☐ no such person, concern or organization  
☒ person, concerns or organizations listed below\*

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

FULL NAME: Shi-Ming ZHAO

ADDRESS: NO.32, FU JUNG ST., CHIU CHIA LI, SHIH LIN DIST., TAIPEI, TAIWAN, R.O.C.

☒ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

FULL NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

FULL NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Nen-Fu HUANG Shi-Ming ZHAO

NAME OF INVENTOR NAME OF INVENTOR NAME OF INVENTOR

Nen Fu Huang Shi-Ming Zhao

Signature of Inventor Signature of Inventor Signature of Inventor

12/2/1998 12/2/1998

Date Date Date

SAB